

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Appl. No. : 10/501,299  
Applicant(s): Kazuo KOHDA et al  
Deposited : July 12, 2004  
For : METHOD FOR PRODUCING  
GAS CLATHRATE AND  
APPARATUS THEREFOR  
Docket No. : 04445/HG  
Customer No.: 01933  
CONFIRMATION NO.: 8137

**SUBMISSION OF ACCURATE  
ENGLISH-LANGUAGE TRANSLATION  
OF DRAWINGS**

Commissioner for Patents

S I R :

The Patent Office NOTIFICATION mailed November 5, 2004 (copy attached), the term for response to which expires on January 5, 2005, stated "The text in the drawings has not been properly translated." Submitted herewith are the following: 19 Sheets of English-language formal drawings FIGS. 1-22, which are an accurate English-language translation of the Japanese language drawings in PCT/JP02/12496.

Since the drawings are being submitted before 30 months from the priority date, no processing fee is required.

"Express Mail Mailing Label

No.: EV 443226625 US

Date of Deposit: November 10, 2004

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

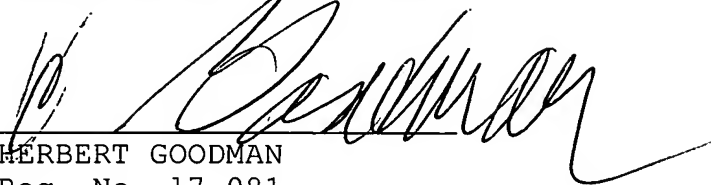
*Francine E. Smith*

Francine E. Smith

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee or any other fee required in connection with this paper, to Account No. 06-1378.

It is respectfully requested that prosecution on the merits now proceed.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'H. Goodman', is written over a horizontal line.

HERBERT GOODMAN  
Reg. No. 17,081

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& Chick, P.C.  
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HG/fs

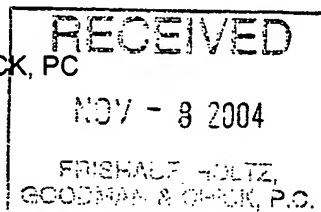


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
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www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/501,299	Kazuo Kohda	04445/HG

01933  
FRISHAUF, HOLTZ, GOODMAN & CHICK, PC  
767 THIRD AVENUE  
25TH FLOOR  
NEW YORK, NY 10017-2023



INTERNATIONAL APPLICATION NO.	
PCT/JP02/12496	
I.A. FILING DATE	PRIORITY DATE
11/29/2002	09/11/2002

CONFIRMATION NO. 8137  
371 FORMALITIES LETTER



\*OC000000014292375\*

Date Mailed: 11/05/2004

*due Jan 5, 2005*

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/12/2004
- English Translation of the IA filed on 07/12/2004
- Copy of the International Search Report filed on 07/12/2004
- Copy of IPE Report filed on 07/12/2004
- Preliminary Amendments filed on 07/12/2004
- Information Disclosure Statements filed on 07/12/2004
- Oath or Declaration filed on 10/26/2004
- Request for Immediate Examination filed on 07/12/2004
- U.S. Basic National Fees filed on 07/12/2004
- Priority Documents filed on 07/12/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The text in the drawings has not been properly translated.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

ANITA D JOHNSON

Telephone: (703) 305-3661

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/501,299	PCT/JP02/12496	04445/HG

FORM PCT/DO/EO/905 (371 Formalities Notice)

FORM PTO-1390  
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

04445/HG

U.S. APPLICATION NO. (if known, see 37 CFR 1.5

10/501,299

INTERNATIONAL APPLICATION NO.  
PCT/JP02/12496INTERNATIONAL FILING DATE  
29 November 2002PRIORITY DATE CLAIMED  
11, 13, 18 & 19 Sept. 2002

## TITLE OF INVENTION

METHOD FOR PRODUCING GAS CLATHRATE AND APPARATUS THEREFOR

## APPLICANT(S) FOR DO/EO/US

Kazuo KOHDA, Hiroyuki IDA; and Hideyuki MIYAMOTO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

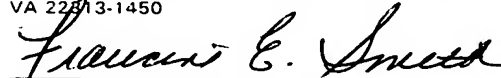
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

SUBMISSION OF ACCURATE ENGLISH-  
LANGUAGE TRANSLATION OF DRAWINGS, and  
copy of NOTIFICATION mailed 11/5/04 (Form  
PCT/DO/EO/905)

Express Mail Label No.: EV 443226625 US

Date of Deposit: November 10, 2004

I hereby certify that this paper and any papers identified herein  
is being deposited with the United States Postal Service "Express  
Mail Post Office to Addressee" service under 37 CFR 1.10 on the  
date indicated above and is addressed to: Mail Stop PCT,  
Commissioner for Patents, P.O. Box 1450, Alexandria,  
VA 22303-1450



Francine E. Smith

10/501,299

PCT/JP02/12496

04445/HG

21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO..... \$1080.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =****CALCULATIONS PTO USE ONLY**

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months  
from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	- 20 =		x \$18.00
Independent claims	- 3 =		x \$86.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>			

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
are reduced by 1/2.

**SUBTOTAL =**

Processing fee of \$130.00 for furnishing the English translation later than 30 months  
from the earliest claimed priority date (37 CFR 1.492(f)).

**TOTAL NATIONAL FEE =**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

**TOTAL FEES ENCLOSED =**

Amount to be refunded:	\$
charged:	\$

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)  
or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 01933

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Date: November 10, 2004

SIGNATURE

Herbert Goodman

NAME

17,081

REGISTRATION NUMBER